IP Link® Device Interface
Ethernet Communication Sheet

This document provides additional assistance with wiring your Extron IP Link enabled product to your device. Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific Extron IP Link enabled product or the controlled device manufacturer supplied documentation.

Device Specifications:

Device Type:	Switcher
Manufacturer:	Barco
Firmware Version:	1.11
Model(s):	ACS - 2048

Minimum Software and Firmware Requirements:

IP Link Compiler	IP Link Firmware	GC Version
1.6.0	1.17	3.5.2

Version History:

Driver Version	Date	Notes
4	12/11/2014	Extron Certified. Tested on ACS-2048. Added Output Resolution and Horizontal/Vertical Pan.
3	11/18/2014	Extron Certified. Tested on ACS-2048. Added Horizontal / Vertical Crop Size.
2	9/29/2014	Added Aspect Ratio and fixed query commands.
1	5/22/2012	Initial version.

Driver Notes:

- Input must be selected for the Aspect Ratio control and status to work correctly.
- Device ID is set to 1 by default.

Control Commands & States:

Aspect Ratio	4:3	1:1	5:4
	3:2	16:9	
Executive Mode	On	Off	
Horizontal Crop Size	0 to 1000 in steps of 1		
Horizontal Pan	-500 to 500 in steps of 1		
Vertical Crop Size	0 to 500 in steps of 1		
Vertical Pan	-250 to 250 in steps of 1		
Input	1-8		
Input Preset Recall	1-64		
Input Preset Save	1-64		
Output Mode*	8	10	12
Output Resolution	1920x1080 P 24Hz	1920x1080 P 25Hz	1920x1080 P 50Hz
	1920x1080 (59.94Hz)	1920x1080 P 60Hz	2048x1080 (50Hz)
	2048x1080 (59.94 Hz)		

*8, 10, and 12 bits.

Status Available:

Aspect Ratio	4:3	1:1	5:4
	3:2	16:9	Custom
Connection Status	Connected	Disconnected	
Executive Mode	On	Off	
Horizontal Crop Size	0 to 1000 in steps of 1		
Horizontal Pan	-500 to 500 in steps of 1		
Vertical Crop Size	0 to 500 in steps of 1		
Vertical Pan	-250 to 250 in steps of 1		
Input	1-8		
Output Mode*	8	10	12
Output Resolution	Select	1920x1080 P 24Hz	1920x1080 P 25Hz
	1920x1080 P 50Hz	1920x1080 (59.94Hz)	1920x1080 P 60Hz
	2048x1080 (50Hz)	2048x1080 (59.94 Hz)	

*8, 10, and 12 bits.

Network communication:

When configuring the Ethernet driver, be sure device settings match that of the GC configuration.

Port Type:	Ethernet
Logon Credentials Supported:	No
Default Port:	3000
Multi-Connection Capable:	Undetermined
Port Changeable:	Undetermined

Ethernet Driver Configuration Description:

Please refer to user manual for settings and changes to the network communication parameters such as: Port Number.

Notes for the Device: